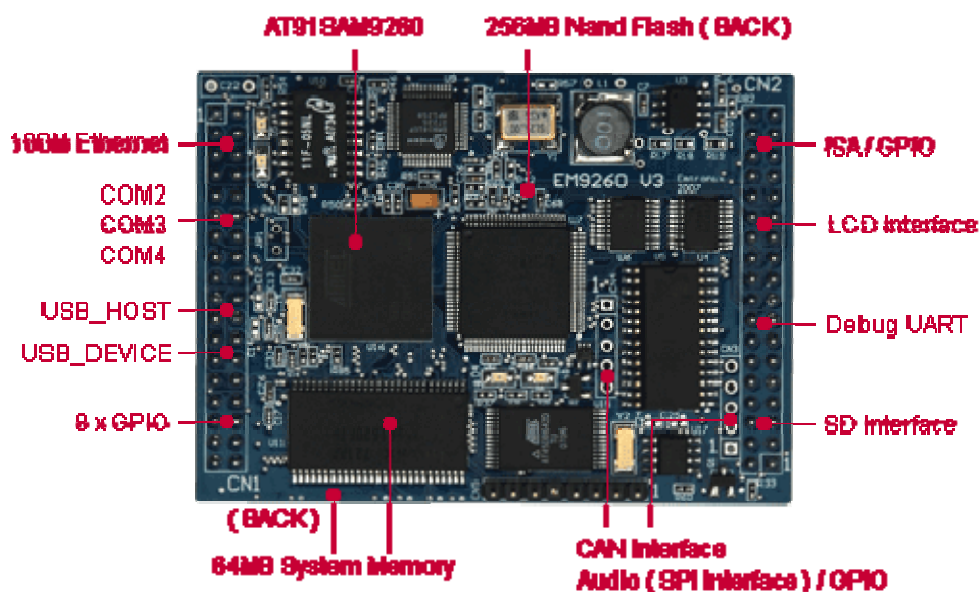


EM9260 Specifications V1.0



CPU Unit

- 200MHz ATMEL AT91SAM9260 (ARM926 based)
- 64M SDRAM, 256MB Nand FLASH.
- WINDOWS CE5.0 Pre-installed
- Supporting eVC Development of Applications
- SD Memory Card Interface Ready
- USB Mass Storage Interface Ready
- RTC Enabled (external battery required)

Interfaces

- 1 Ethernet Port (100BASE-TX)
- 2 USB Host Ports
- 1 USB Device Port, Active Sync Ready
- 5 Serial Ports
 - COM2, with full modem lines (LVTTTL)
 - COM3, Standard RS232
 - COM4, with RTS#/CTS# optional

COM5, multiplex pin with P4.0 and P4.1

COM6, multiplex pin with P4.2 and P4.3

- 1 CAN Bus Ports(SJA1000, Optional)

Display and Keypad

- Specified LCD Interface for low cost LCD module
- Supporting LCD resolution 320x240, 240x128, 128x64
- GPIO simulated matrix keypad

Expand BUS

- Simplified ISA Bus with Chip Selection (CS0#, CS1#)
- 8-bit Data Bus (SD0 –SD7), 8KB Address Ranges (SA0 – SA12)
- 500ns Bus Cycle, 3.3V Bus Signal Level(LVTTL)
- More than 28 GPIO allocated in P2 – P5
- 2 single-end 10-bit AD input, pin multiplexed with P4.5 and P4.6
- 1 audio stereo output, including a full-duplex SPI port

Power Supply and Mechanical Parameters

- Single 5V±5% / 150mA
- Operation Temperature: -40°C – 80°C (Industrial)
- Piggyback Board Style with Size of 74mmx53mm
- 2 Rugged 36-Pin IDC for Communication Ports and ISA Bus
- 2 Rugged 5-pin IDC for Audio and CAN

Basic Software Environment

- Windows CE Pre-installed
- EM9260 SDK Package for Application Development with eVC
- Typical Application Examples(Source Code Included)
- Ethernet as Debug Port Enable
- Supporting Microsoft's Remote Tools for Embedded Platform